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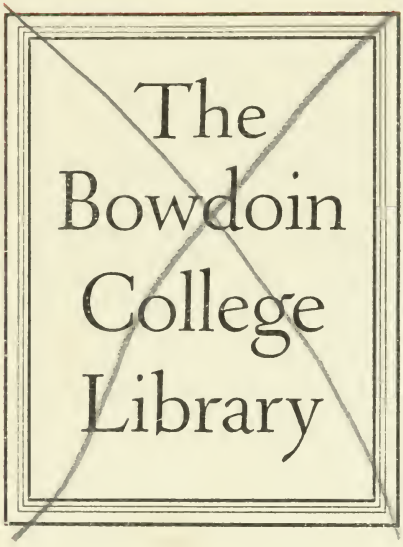

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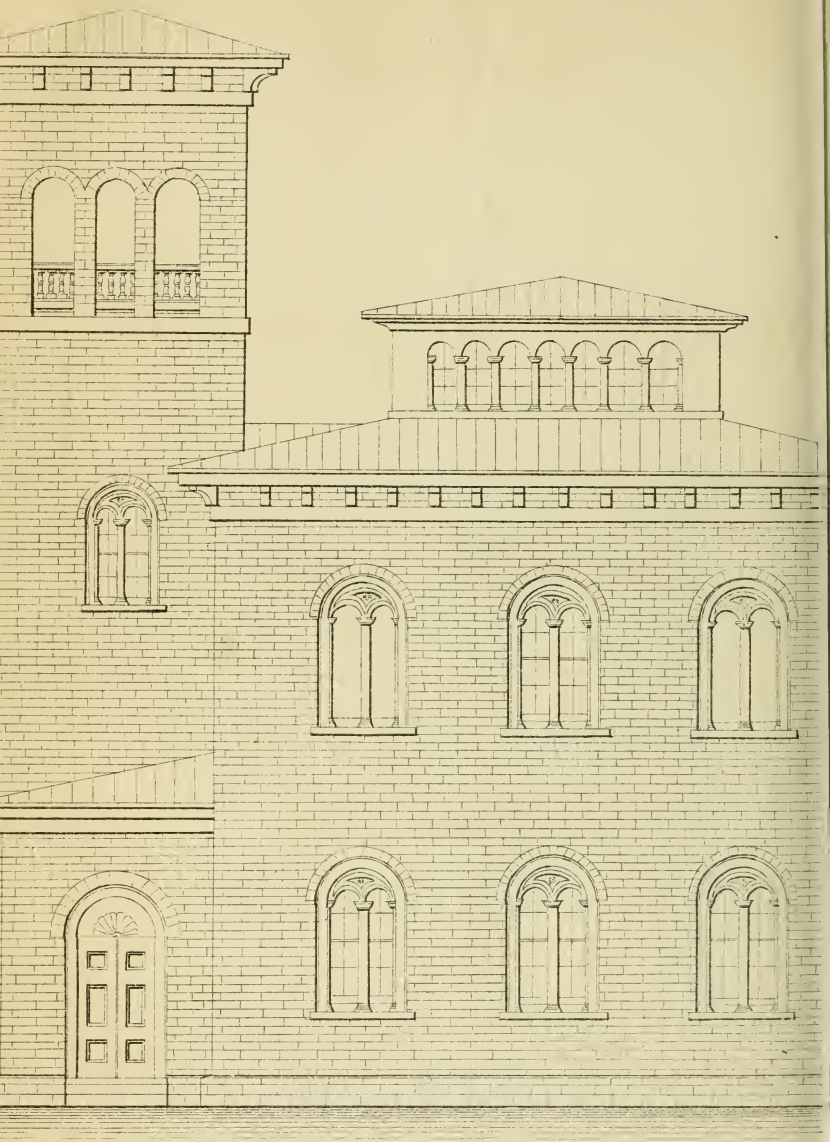

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CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

AMHERST COLLEGE,

FOR THE

ACADEMICAL YEAR

1852—53.

AMHERST:
J. S. & C. ADAMS, PRINTERS.
NOVEMBER, 1852.

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Instructor in Agriculture.

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Librarian.

ABBREVIATIONS.

N. C. - - - - -	NORTH COLLEGE.
M. C. - - - - -	MIDDLE COLLEGE.
S. C. - - - - -	SOUTH COLLEGE.

SENIOR CLASS.

NAMES.	RESIDENCES.	ROOMS.
Abbott, Abial	Binghamton, N. Y.,	Rev. Mr. Cummings's.
Adams, Thomas Dwight	Canterbury, Ct.,	Rev. Mr. Ober's.
Allison, Robert Coates	Salona, Penn.,	31 S. C.
Andrews, William Hill	Cincinnati, Ohio,	16 M. C.
Baker, Edward Payson	Phillipston,	6 N. C.
Baker, Nathaniel Putnam	Conway,	Rev. Mr. Cummings's.
Benjamin, Reuben Moore	Chatham, N. Y.,	23 N. C.
Blanchard, Nathaniel Bailey	East Abington,	Dr. Smith's.
Boltwood, Henry Leonidas	Amherst,	7 M. C.
Breed, Bowman Bigelow	Lynn,	6 M. C.
Buckland, James	St. Louis, Mo.,	24 N. C.
Carpenter, Harvey Sessions	Warren,	Rev. Mr. Cummings's.
Clark, George Whitefield	South Orange, N. J.,	26 M. C.
Coolidge, Amos Hill	Sherburne,	22 S. C.
Crowell, Edward Payson	Essex,	8 M. C.
Dean, Samuel Chase	Oakham,	31 S. C.
Evans, Enoch Kraig	Fallsburgh, N. Y.,	26 M. C.
Fish, Joseph Leroy Atwell	North Amherst,	Rev. Mr. Cummings's.
Flagg, William Dodd	Boylston,	22 S. C.
Greene, John Morton	Hadley,	Rev. Mr. Ober's.
Griswold, Theophilus Lyman	Greenfield,	Rev. Mr. Ober's.
Hamilton, John Alexander	Chester Factories,	Mrs. Emerson's.

NAMES.	RESIDENCES.	ROOMS.
Haskell, Matthew Wood	Amherst,	9 S. C.
Hodge, George Edwin	Derry, N. H.,	26 N. C.
Jones, Stephen Edward	Harrodsburg, Ky.,	31 N. C.
Leib, William John	Washington City, D. C.,	10 N. C.
Litchfield, Daniel Clapp	Scituate,	32 N. C.
Marshall, Joshua Newell	Dracut,	10 N. C.
Morse, Charles Fitch	Salem, Vt.,	13 N. C.
Nelson, Edwin	Upton,	23 S. C.
Parsons, Ralph Lyman	Prattsburgh, N. Y.,	13 N. C.
Pepper, Elbridge	Ware,	27 N. C.
Pierce, Henry Reuben	Easthampton,	Rev. Mr. Cummings's.
Pierce, William Martin	Hadley,	6 N. C.
Pratt, Edward Henry	Shrewsbury,	27 N. C.
Richardson, Gilbert Brainerd	Winchester,	11 N. C.
Sanborne, George Edward	Reading,	24 N. C.
Smith, Elijah Bailey	Lyme, Ct.,	12 M. C.
Spencer, Julius	St. Louis, Mo.,	Mr. Kimberly's.
Storrs, Richard Salter	Longmeadow,	21 S. C.
Tenney, Sanborn	Marlow, N. H.,	27 S. C.
Wenzell, Abner Haven	Framingham,	27 S. C.

JUNIOR CLASS.

NAMES.	RESIDENCES.	ROOMS.
Brundage, Israel	Benton, Penn.,	30 N. C.
Canfield, Averill Burton	South Britain, Ct.,	Dea. Smith's.
Clapp, John White	Oakham,	23 N. C.
Clarke, James Franklin	North Orange,	27 M. C.
Cooley, Edwin	Sunderland,	14 S. C.
Crane, Alexander Baxter	Berkley,	29 N. C.
Crane, Edward Augustus	Berkley,	29 N. C.
Dadmun, Appleton	Marlboro,	12N. C.
Dimock, Edwin	North Mansfield, Ct.,	7 N. C.
Emmons, Henry Vaughan	Hallowell, Me.,	Rev. Mr. Ober's.
Fay, Henry Clinton	Westboro',	14 S. C.
Fowler, William Worthington	Amherst,	Prof. Fowler's.
Frierson, Samuel Mayes	Columbia, Tenn.,	15 M. C.
Goodnough, Adoniram Judson	Sudbury,	27 M. C.
Hartzel, Josiah	Deerfield, Ohio,	23 M. C.
Haskell, Samuel	Dover, N. H.,	12 N. C.
Hebard, George Diah Alonzo	Brookfield, Vt.,	30 N. C.
Hollaway, Charles Hoover	Philadelphia, Penn.,	23 M. C.
Hubbard, Franklin	Sunderland,	25 S. C.
Kimball, Charles Augustine	Ipswich,	10 S. C.

NAMES.	RESIDENCES.	ROOMS.
Kimball, John Calvin	Ipswich,	28 N. C.
King, Osmyn Baker	Suffield, Ct.,	25 S. C.
Matthews, Albert	Leverett,	16 N. C.
Mayes, Albert Wingfield	Ashwood, Tenn.,	15 M. C.
Merrill, Willard	Rome, N. Y.,	22 N. C.
Nickerson, Alpheus Sanford	South Dennis,	Rev. Mr. Cummings's.
Olcott, Edward Burns	New Orleans, La.,	16 N. C.
Partridge, George	Randolph, Vt.,	Mt. Pleasant.
Pease, Edmund Morris	Granby,	Rev. Mr. Ober's.
Prentiss, Norman Alling	Quincy, Ill.,	7 N. C.
Rugg, Charles Parks	Hinsdale, N. H.,	28 N. C.
Small, Uriel Whitney	Pownal, Me.,	7 S. C.
Smith, Horace Payson	Salem,	10 S. C.
Underhill, John Winn	Ipswich,	12 S. C.
Wilson, Charles Augustus	Derry, N. H.,	21 N. C.

SOPHOMORE CLASS.

NAMES.	RESIDENCES.	ROOMS.
Ayres, David Cornelius	Amherst,	Mrs. Ayres's.
Bennett, Eli Gilbert	Reading, Ct.,	29 S. C.
Bissell, Edwin Cone	Rockville, Ct.,	19 S. C.
Boardman, Joseph	Amesbury,	19 S. C.
Bridgman, Albert Henry	Belchertown,	Rev. Mr. Cummings's.
Brown, Francis Frederic	Sudbury,	29 S. C.
Caldwell, John Curtis	Dracut,	15 N. C.
Choate, Rufus, Jr.	Boston,	8 M. C.
Cobb, James Thornton	Boston,	15 S. C.
Colton, John Jay	Georgia, Vt.,	32 M. C.
Converse, Charles Leavens	New Orleans, La.,	Mrs. Sellon's.
Cook, Oliver Wade	Deckertown, N. J.,	10 M. C.
Crowell, Charles Harrison	Windham, N. H.,	18 M. C.
Crowell, James Wilson	Londonderry, N. H.,	18 M. C.
Darling, William Henry	Warsaw, N. Y.,	30 S. C.
Derby, Hasket	Boston,	Rev. Mr. Ober's.
Dickinson, William Eastman	North Amherst,	6 S. C.
Dunlap, George Edward	South Deerfield,	30 S. C.
Evans, Alfred Douglas	Boston,	24 M. C.
Fairchild, Elijah Stites	Flushing, L. I.,	28 M. C.
Fisk, Asa Severance	Shelburne Falls,	11 S. C.

NAMES.	RESIDENCES.	ROOMS.
Fitch, Appleton Howe	Hopkinton,	8 N. C.
Gibbens, Edwin Augustus	Boston,	15 S. C.
Graves, John Long	Sunderland,	Rev. Mr. Ober's.
Hallock, William Allen	Amherst,	18 S. C.
Hardon, Charles	Mansfield,	32 S. C.
Hart, Nathaniel Coleman	Mt. Kisco, N. Y.,	Mrs. Merrill's.
Hartwell, John	Lincoln,	2 N. C.
Hawley, Franklin Ebenezer	Ridgefield, Ct.	Rev. Mr. Ober's.
Houghton, Joseph Henry	New York City,	32 S. C.
Howard, Martin Stoddard	Milford,	21 M. C.
Hoyt, Dixi Crosby	Framingham,	25 M. C.
Hughitt, William Edgar	Genoa, N. Y.,	24 S. C.
Hull, Savilin	Cheshire, Ct.,	25 N. C.
Jefferds, Chester Daniels	Blackstone,	7 S. C.
Jocelyn, Dana Israel	Georgia, Vt.,	32 M. C.
Joy, William Leonard	Townshend, Vt.,	18 S. C.
Kelsey, Sylvester Henry	Evansville, N. Y.,	6 S. C.
Lord, James Brown	Ipswich,	2 N. C.
Mc Clung, Matthew	Nashville, Tenn.,	10 M. C.
Melvin, George Bradley	Derry, N. H.,	26 N. C.
Montague, George Lowell	South Hadley,	14 M. C.
Montague, William Lewis	Belchertown,	22 M. C.
Moore, Charles William	West Boylston,	14 M. C.
Noerr, Moses	St. Louis, Mo.,	21 N. C.
Orne, John Jr.	Newburyport,	Rev. Mr. Ober's.
Packard, Levi Sewall	Spencer,	19 N. C.
Parsons, James Challis	Gloucester,	28 S. C.
Porter, Philip Chester	Berkley,	8 N. C.
Reynolds, Joseph Brown	Concord,	28 S. C.
Richardson, Henry Jackson	Middleton,	21 M. C.
Singleton, Horace Leonard	St. Louis, Mo.,	22 N. C.

NAMES.	RESIDENCES.	ROOMS.
Sprague, Ezra Thompson	West Killingly, Ct.,	15 N. C.
Stickney, John Buffington	Lynn,	11 M. C.
Strong, Edward Alexander	Boston,	Rev. Mr. Ober's.
Thomas, Chauncey Boardman	New Salem,	Mr. Kimberly's.
Waldron, Albra	Dover, N. H.,	25 M. C.
Washburn, George	Middleboro',	22 M. C.
Whitaker, Ozi William	New Salem,	11 S. C.
Wilson, John Loren	De Peyster, N. Y.,	24 S. C.
Woodworth, Henry Dwight	Lebanon, Ct.,	19 N. C.

FRESHMAN CLASS.

NAMES.	RESIDENCES.	ROOMS.
Adams, Oliver Miller	Hinsdale, N. H.,	17 M. C.
Andrews, Joseph	Cincinnati, Ohio,	16 M. C.
Bangs, George Pemberton	Boston,	Rev. Mr. Ober's.
Barton, Walter	Granby,	29 M. C.
Bartlett, Lyman	North Hadley,	29 M. C.
Bates, James Atwood	Monson,	1 N. C.
Bigelow, Albert	Groton,	Rev. Mr. Cummings's.
Bloomer, Joseph	Dubuque, Iowa,	2 M. C.
Bradley, John Henry	Simsbury, Ct.,	Dea. Smith's.
Bradbury, Wm. Frothingham	Westmister,	17 S. C.
Bradbury, Edward Emerson	Westminster,	17 S. C.
Bridgman, Chester	West Hampton,	3 N. C.
Buck, Jedediah Herrick	Cambridge,	Rev. Mr. Cummings's.
Clark, Reuel Baxter	Sunderland,	1 S. C.
Cushman, Chester Lemuel	Monson,	3 N. C.
Dodge, John Henry	Wenham,	18 N. C.
Dupré, Adolphe Jr.	New Orleans, La.,	Rev. Mr. Ober's.
Earle, Wm. Willard	Worcester,	Rev. Mr. Cummings's.
Ellis, James Marsh	Boston,	Rev. Mr. Cummings's.
Gay, Edward	Nashua, N. H.,	4 S. C.
Goddard, Josiah Hamilton	Orange,	Dea. Smith's
Graves, Henry Clinton	South Deerfield,	20 S. C
Graves, Thaddeus	Hatfield,	17 M. C
Griggs, Charles Edwin	Chaplin, Ct.,	17 N. C
Guernsey, George Mortimer	Montrose, Pa.,	2 S. C.
Haile, William Henry	Hinsdale, N. H.,	Dea. Smith's

NAMES.	RESIDENCES.	ROOMS.
Hand, Edwin Coleman	Bridgehampton, L. I.,	18 N. C.
Hitchcock, Charles Henry	Amherst,	President Hitchcock's.
Hutchinson, James Edwin	Jacksonville, Pa.,	4 M. C.
Kemble, Edward	Wenham,	4 S. C.
Kimball, Edward Payson	Ipswich,	12 S. C.
Kimball, William Bird	Oakham,	1 N. C.
Lane, Frederic Warren	North Brookfield,	20 N. C.
Linsly, Joel	Melville, N. Y.,	28 M. C.
Littell, Levi Clarke	Springfield, N. Y.,	4 N. C.
Mather, Richard Henry	Binghamton, N. Y.,	20 S. C.
Nason, Henry Bradford	North Bridgewater,	3 S. C.
Norton, Franklin Burroughs	Worcester,	Dea. Smith's.
Parsons, James	Savannah, Ga.,	Rev. Mr. Ober's.
Pendleton, Cyrus Henry	Bozrah, Ct.,	Miss Wait's.
Phillips, Daniel	Pittsburgh, Penn.,	2 S. C.
Pond, Nathan	East Brookfield,	20 N. C.
Reed, Charles Andrew	Weymouth,	4 N. C.
Rice, Stillman	North Leverett,	4 M. C.
Richardson, Martin Luther	Winchester,	11 N. C.
Russell, James	Winchester,	Dea. Smith's.
Russell, Joseph	Stratford, Ct.,	17 N. C.
Savage, Daniel Foster	Eastport, Me.,	2 M. C.
Sherwin, Abner Taylor	Buckland,	25 N. C.
Smith, John Woodbridge	North Hadley,	Dea. Smith's.
Spinney, Charles Edwin	Lynn,	Dea. Smith's.
Staples, Samuel Chester	New York City,	Amherst House.
Stiles, Franklin Osgood	Middleton,	1 M. C.
Swinton, William	Montreal, L. C.,	Dea. Smith's.
Thompson, Amherst Lord	Amherst,	1 M. C.
Ward, William Hayes	Abington,	Miss Wait's.
Wilder, William Franklin	Shelburne,	1 S. C.

SUMMARY.

Seniors,	42
Juniors,	35
Sophomores,	61
Freshmen,	57
	195

ADMISSION.

Candidates for admission to the Freshman Class are examined in the Grammar of the Latin and Greek languages, Virgil, Cicero's Select Orations, Sallust, or Cæsar's Commentaries, Writing of Latin, the Greek of the Four Gospels, Jacob's Greek Reader or an equivalent, English Grammar, Arithmetic and Algebra through Simple Equations.

Candidates for a higher standing are examined in the same, and also in the Studies gone over by the Class, to which they may desire admission.

The stated times for examination are the Tuesday preceding Commencement, and the first day of the following Term. But Candidates may be examined and admitted at other times in the year, excepting that no admission to the Senior Class is allowed later than the beginning of the second Term.

Previously to examination the candidate must exhibit satisfactory testimonials, that he sustains a good moral character. If he has been a member of any other College, he will be expected to present a certificate of regular dismission.

No one can be admitted to the Freshman Class, until he has completed his fourteenth year; and no one to an advanced standing without a corresponding increase of age.

Course of Study and Instruction.

FRESHMAN YEAR.

FIRST TERM.

- Livy.
- Classical Mythology and Geography, in Fiske's Translation of Eschenburg's Manual of Classical Literature.
- Xenophon's Cyropædia.
- Arnold's Latin Prose Composition.
- Robinson's Algebra commenced.
- Elements of Orthoepy and Elocution. Text-book, Caldwell's Elocution.

SECOND TERM.

- Cicero de Senectute, and de Amicitia.
- Homer's Odyssey commenced.
- Grecian Antiquities, in Eschenburg's Manual.
- Arnold's Latin Prose Composition.
- Algebra concluded.
- Elocution continued.

THIRD TERM.

- Cicero de Officiis.
- Homer's Odyssey continued.
- Roman Antiquities, in Eschenburg.
- Loomis's Geometry commenced.
- Fowler's English Grammar.

During the year. A weekly exercise in Declamation. Written Translations from the Ancient Languages, and from English into Latin and Greek.

SOPHOMORE YEAR.

FIRST TERM.
- Horace: Odes and Epodes.
- Demosthenes: Select Orations.
- Archæology of Literature, in Eschenburg.
- Arnold's Greek Prose Composition.
- Loomis's Plane and Spherical Geometry.
- Exercises in Elocution.

SECOND TERM.
- Xenophon's Memorabilia.
- Archæology of Art, in Eschenburg.
- Arnold's Greek Prose Composition.
- Loomis's Plane and Spherical Trigonometry, Mensuration, Surveying and Navigation.
- Cutter's Anatomy and Physiology.
- Stockhardt's Chemistry.

THIRD TERM.
- Horace: Satires, Epistles and the Art of Poetry.
- Coffin's Conic Sections, and Analytical Geometry.
- History of English Language and Literature.
- French, or German.

During the year. Weekly Rhetorical Exercises: Declamations, Debates or English Compositions. Written Translations.

JUNIOR YEAR.

FIRST TERM.
- Plato: Apology and Crito.
- History of Classical Literature, Eschenburg.
- Practical Exercises in the Differential and Integral Calculus.
- Olmsted's Natural Philosophy: Mechanics.
- French, or German continued.

SECOND TERM.
- Plutarch de Sera Numinis Vindicta.
- Tacitus: Germania and Agricola, and Histories.
- Olmsted's Philosophy: Hydrostatics, Pneumatics, Electricity, Magnetism and Optics.
- Whately's Rhetoric.

THIRD TERM.
- Homer's Iliad.
- History of Classical Literature finished.
- Olmsted's Astronomy.
- Zoology.
- Gray's Botany.

During the year. Two weekly Rhetorical Exercises: Declamation, Debates, or English Composition. Biblical Ethics, with Wayland's Moral Science.

Note. Natural Theology, Mineralogy, Botany, Zoology, Anatomy, and Physiology are taught chiefly by Lectures and subsequent examinations. The works recommended in these branches are the Bridgewater Treatises, Shepard's and Dana's Mineralogy, Gray's and Wood's Botany, Agassiz and Gould's Zoology, Wilson's and Paxton's Anatomy, Carpenter's Physiology, and Cutter's Anatomy and Physiology. Recitations, however, are heard in Anatomy and Zoology.

The following books are recommended for reference in the Classical Department: Andrews and Stoddard's and Zumpt's Latin Grammars, Andrews's or Leverett's Latin Lexicon, Ramshorn's Latin Synonyms, Crosby's and Kuhner's Greek Grammars, Liddell and Scott's Greek Lexicon (Drisler's Edition), Munk's Greek and Roman Metres, Anthon's Classical Dictionary, Butler's Atlas Classica, and Smith's Dictionary of Greek and Roman Antiquities.

Text-books in Modern Languages: Ollendorff's German Grammar, Adler's Progressive German Reader, Schiller's William Tell, Practical French Grammar (Pinney and Badois), De Fivas's Classic French Reader, Madame De Stael's Germany, Ollendorff's Italian Grammar, Teatro Italiano Scelto.

SENIOR YEAR.

FIRST TERM.

- Philosophy of the Mind. Text-books, Reid and Stewart. Dissertations or Discussions by the Class on each subject.
- Chambers's Zoology.
- Paley's Evidences of Christianity.
- Campbell's Philosophy of Rhetoric.
- Kames's Elements of Criticism.

SECOND TERM.

- Philosophy of the Mind continued.
- Whewell's Polity; with discussions by the Class.
- Constitutional Law. Story.
- Hitchcock's Geology.
- Butler's Analogy.

THIRD TERM.

- Stewart's Active and Moral Powers, Walker's edition.
- History of Philosophy, by Lectures.
- Wayland's Political Economy.
- Natural Theology.
- Latin and Greek reviewed.
- Italian, at the option of the student.

There are three regular Recitations or Lectures daily, excepting Wednesday and Saturday, when there are two.

On every Wednesday afternoon, there is a public Exercise in Declamation, in which the classes speak by divisions, and for which they are prepared by private rehearsal before the Professor of Rhetoric. Seniors and Juniors deliver original Compositions.

There is a Biblical Exercise in the several Classes once each week. These recitations are accompanied by familiar Lectures from the Instructors.

Public Worship is attended in the Chapel every Sabbath; and Prayers every morning and evening. One evening each week, there is a Religious Service by the President, or one of the Professors, which all the Students are invited to attend.

LECTURES.

1. Geology, the first Term.
2. Rhetoric, Oratory and English Literature, each Term.
3. Natural Philosophy, each Term.
4. Classical Literature, or Antiquities, each Term.
5. Botany and Mineralogy, third Term.
6. Chemistry, second Term.
7. Psychology, first and second Terms; Ethics, third Term.
8. Anatomy and Physiology, illustrated by the Manikin, second Term.
9. Zoology, the first and third Terms.
10. Natural Theology, the third Term.

EXAMINATIONS.

1. Of all the Classes, at or near the close of the first and second Term.
2. Of the Senior Class, six weeks preceding Commencement.
3. Of the three Lower Classes on the week preceding Commencement.

A record is kept by the Faculty of the attainments of every student, and also of his delinquencies. Information concerning his proficiency and deportment is, when requested, communicated to the parent or guardian.

PUBLIC PERFORMANCES.

1. Exhibitions, in the second and third Terms.
2. Declamation on Tuesday evening preceding Commencement.
3. Commencement on the second Thursday of August. (August 11, in 1853.)

On the day preceding Commencement, several public Orations or Addresses are usually delivered before Societies connected with the College, by gentlemen invited from abroad.

VACATIONS.

1. Four weeks from Commencement. (From Aug. 11, to Sept. 8, in 1853.)
2. Six weeks from the Wednesday preceding the annual State Thanksgiving. (From Nov. 24, 1852, to Jan. 5, 1853.)

3. Three weeks from the third Wednesday of April. (From April 20, to May 11.)

Such students, as are obliged by their circumstances to teach school in winter, are allowed to be absent for the purpose.

EXPENSES.

The following are the principal necessary expenses, exclusive of vacations:

Tuition, $10.00 per Term, - - -	$30.00	$30.00
Room Rent, $3.00 per Term, - - -	9.00	9.00
Recitation Rooms, and Ordinary Incidentals, $2.00 per Term. - - - -	6.00	6.00
Fuel and Lights, from $9.00 to $11.00, -	9.00	11.00
Board, lowest price in companies, 75 cents per week; highest price in families, $2.00 per week; making per year of *thirty-nine* weeks,	29.25	78.00

The expenses for Room Rent, Fuel and Lights, are estimated on the supposition that two students occupy the same room.

A small charge, additional to the regular Tuition, is requisite in one of the Terms of Sophomore year, for the Lectures on Anatomy.

In case of admission to an advanced standing, a fee of five dollars per Term, which is one-half of the regular charge for Tuition, will be required, unless such standing shall have been attained in another College.

There are some expenses, which result from taxes voluntarily imposed by the classes or societies. These, and expenses for furniture, stationery, &c., will vary according to circumstances and the character and habits of the student.

In incidental expenses, if the parent or guardian furnishes money, or authorizes the contracting of debts, a student may be very extravagant. To guard against this, parents often deposit funds with some one approved by the Faculty, who for a trifling charge will give particular attention to the pecuniary affairs of the student, and render an account of expenditures.

It is earnestly recommended to all parents and guardians not to authorize the obtaining of credit, and not to pay debts unauthorized.

PAYMENTS.

The amount of the first Term Bill must be paid by each student on his admission. Each subsequent Term Bill becomes due at the close of the Term for which it is assessed. A bond with satisfactory surety for the payment of all the College Bills must be given by each student to the Treasurer, at the commencement of the Term when he enters.

ASSISTANCE TO BENEFICIARIES.

The regular Term Bills of beneficiaries of Charitable Associations, and other indigent pious youth preparing for the Christian Ministry, are entirely paid from the fund appropriated to that purpose. A number of indigent students are gratuitously supplied in part with furniture.

LIBRARIES AND CABINET.

The Libraries of the College and Literary Societies contain about 18,000 volumes. Through the liberality of the friends of the College and of learning, considerable additions will be made to the College Library during the present year; and a new Library building, a plan of which accompanies this Catalogue, is in the process of erection and will be finished at the next Commencement. The College Library is accessible to all the students, and the charge to each is according to the use he may make of the books. The Libraries belonging to the two Literary Societies are accessible to the members of the Societies, according to regulations established by themselves.

The Society of Inquiry has a small Museum.

The Cabinet, part of which is owned by the College, and a part deposited by its officers, occupies several rooms, and is arranged and labeled for study.

In Mineralogy, nearly all the known species are represented by about 4600 specimens.

In Geology, there are 20.000 specimens of American, and Foreign, rocks and fossils.

In Botany, the herbaria contain 4000 species of plants. The seeds and fruits of 300 species are deposited in the Zoological Museum.

In Zoology, there are about 2000 specimens of 400 species of vertebrated animals, 8000 species of shells, 5000 species of articulated animals, and 200 species of radiated animals.

DEPARTMENT OF SCIENCE.

At a meeting of the TRUSTEES OF AMHERST COLLEGE, Oct. 11th, 1852, the following Preamble and Plan for a Scientific Department, were adopted:

To meet the wants of some graduates who wish to pursue particular branches of science and literature beyond the regular four years' course, and of other young men, who desire to study some subjects without joining the regular classes, the Trustees have been led to establish a Scientific Department in the Institution, which shall be entirely independent of the regular College course. They find the Philosophical Cabinet and the Museum of Natural History in the College to be unusually rich and extensive, rivaling in some departments the best collections known, and for the most part so carefully arranged and labeled or catalogued, that they can be studied with facility. The officers of the College, moreover, are willing to give the extra instruction which such a department requires. A Laboratory is being fitted up for the reception of students in analytical and agricultural Chemistry, under the direction of a Professor, who has spent two years in some of the best laboratories in Europe. The pastor of one of the churches in Amherst, who has long resided in Asia, is ready to give instruction in several oriental languages, should there be a demand, and another gentleman in town will take charge of any who may wish to study the elements of Agriculture, theoretically and practically. Nor should the economy of living, which may be practiced in such a country town, its healthy situation, its picturesque scenery, and the recent construction of a railroad to reach it, be forgotten in this connection. With so many means and men thus thrown providentially within their reach, the Trustees feel constrained to follow the example of several American colleges, and to offer instruction in this new Deparment according to the following plan.

PLAN OF INSTRUCTION.

The *object* of this department is to furnish facilities for the special study of certain branches of science or literature. The department is designed for graduates of this or of other colleges, and for any others who possess the qualifications for admission. It is especially adapted for the benefit of teachers who may wish to qualify themselves to give instruction in any of its branches. Students will not be required to attend any of the College exercises.

Admission. A good moral character, and a good English education, are requisite for admission to any of the branches of this department. A knowledge of algebra, geometry, and trigonometry is required for admission to the branches of Mathematics, Natural Philosophy, and Engineering. Students will not be admitted for less than one term; but in Chemistry, instruction may be obtained for any less time.

Plan of Study. Each student will select the branch or branches to which he will attend. Instruction will be given by practical exercises, recitations, or lectures, as the subject may require. The students may attend lectures, which are given in the Academic department.

Instruction in the several branches will be given during the same terms as in the Academic department, and at such other times as may be agreed upon with the Instructors. They will be prepared to receive students next collegiate term, which commences January 5th, 1853.

I. GEOLOGY.

Instruction in this branch will be given by the PRESIDENT. Students will have every facility for consulting the geological cabinet, which contains 20,000 select specimens, illustrating the geology of the United States, of Great Britain and Continental Europe, of Asia Minor, and of many other parts of the world. The cabinet contains the suites of specimens collected in the geological surveys of Connecticut, Massachusetts, and Vermont; also a very large collection of fossil footmarks and of concretions. The President will make excursions with the students in the neighboring country.

The following works may be used as text books, or books of reference:

Elementary Text Books. Hitchcock's Elementary Geology: Lyell's Manual of Elementary Geology: De la Beche's Geological Manual: De la

Beche's Geological Observer: M. Alcide D'Orbigny's Cours Elémentaire de Palèontologie et de Geologie Stratigraphiques.

Books of reference. Reports on the Geological Surveys of the different States.

II. MATHEMATICS, NATURAL PHILOSOPHY, AND ENGINEERING.

Professor Snell will give instruction in these branches. Analytical geometry, trigonometry, and the Calculus will be pursued beyond the limits of the Academic course, and applications of them made to Mechanical science. Students can have instruction in Experimental Philosophy, with access to the extensive collection of apparatus in the Philosophical Cabinet. Instruction can also be obtained in Descriptive Geometry, Shades and Shadows, Perspective, &c., connected with Engineering. The following text books may be used. Chauvenet's Plane and Spherical Trigonometry; Loomis' Analytical Geometry and Calculus; Young's Calculus; Young's Mechanics; Davies' Descriptive Geometry; Davies' Shades and Shadows; Wiesbach's Mechanics and Engineering.

III. CHEMISTRY.

Instruction in experimental chemistry will be given by Professor Clark. The course will include practical instruction in Analytical and Applied Chemistry, with special reference to Agriculture, Pharmacy, and Metallurgy. The following works will be used as text books, or for reference.

U. S. Dispensatory: Wood and Bache. Manual of Practical Assaying: Mitchell. Lectures on Agricultural Chemistry: Johnston. Chemistry of Vegetable and Animal Physiology: Mulder. Handbook of Chemistry: Gmelin. Rose's Analytical Chemistry: Berzelius on the Blowpipe. Art of Assaying with the Blowpipe: Plattner. Handbuch der Technischen Chemie: Schubarth.

IV. AGRICULTURE.

The elements of agriculture will be taught theoretically and practically by the Rev. J. A. Nash. Books: Nash's Elements of Agriculture, Practical and Theoretical. Norton's Elements of scientific Agriculture. Girard-

n and Du Breuil's cours Elementaire D'Agriculture. Johnston's Lectures on Practical Agriculture. Allen's Domestic Animals.

For Agricultural Chemistry, see under Chemistry.

V. MINERALOGY.

Instruction will be given by Professor Shepard. His cabinet contains nearly all the known species, represented by 6000 choice specimens, with a great variety of crystalline forms; and one of the three most extensive and valuable collection of meteorites now existing in the world.

Text Book. Shepard's Treatise on Mineralogy.

VI. ZOOLOGY.

Professor Adams will give instruction in general and descriptive zoology. Students will have access to the Zoological Museum, which contains 13,000 species. In some branches the species are represented by many specimens of each, illustrating the nature of species and their geographical distribution. Students can have special instruction in the method of investigating the literature of species. Excursions may be made in the vicinity, and occasionally, by consent of the Corporation, into tropical regions. The following text books may be used: Jones' Animal Kingdom; Agassiz and Gould's Principles of Zoology; Chambers's Zoology; Cuvier's Regne Animal. Special books on particular branches may be used.

VII. BOTANY.

Instruction will be given in Botany. Students will have access to herbaria containing 5000 species, and to a collection of tropical seeds. The following text books will be used: Gray's Botanical Text Book; Wood's School Botany.

VIII. PSYCHOLOGY AND HISTORY OF PHILOSOPHY.

Professor Haven will give instruction in these subjects; and if desired, in Logic and Political Economy. The text books in Psychology will be, Reid, Stewart, and Brown; in the History of Philosophy, Morell, and Cousin.

IX. PHILOLOGY AND LITERATURE.

Professor Tyler and Professor Jewett will give instruction in Greek and Latin to graduates of this or of other colleges, who may wish to pursue such studies beyond the limits of the Academic course. Mr. Merrick will give instruction, if desired, in the Persian, Arabic, and Turkish Languages and Literature. Professor Warner will give instruction in English Literature. Instruction may also be given in the Hebrew, German, French, and Italian languages.

LIBRARY.

Besides the general collection of works in the various branches, there are special collections in Zoology, and Intellectual Philosophy. Additions are also being made in Chemistry, Mineralogy, Geology, Botany, and Philology. Students in the Scientific Department will have free access to these books under the direction of the Instructors.

Fees. The fees for instruction may be agreed upon with the Instructors, but in other departments than Chemistry, shall not exceed $20 per term (13 weeks) for five exercises per week, or in proportion for a different amount of instruction. The fees may be reduced in favor of indigent students, and in favor of classes consisting of several students.

Students will be instructed in the laboratory during five days of the week, and furnished with the more common chemicals and apparatus for use, for $30 per term. An extra charge will be made for breakage or damage of apparatus.

All fees must be paid in advance.

Analyses and chemical investigations of all kinds will be attended to on the most reasonable terms.

No charge will be made for the use of the cabinets and library, or for attendance on lectures in the Academic course.

Degrees. The degree of Bachelor in Science may be conferred on students who attend for one year, and sustain a satisfactory examination, in not less than two branches. These branches will be specified in the diploma, which will bear the signatures of the President and of the Instructors in the branches studied by the candidate. Recommendations to the Trustees for degrees will be granted by vote of the Faculty.

Students who do not complete the course necessary for a degree, will be entitled to certificates of their actual attainments from the Instructors.

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